(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 21 April 2005 (21.04.2005)

PCT

(10) International Publication Number WO 2005/034942 A1

- (51) International Patent Classification⁷: A61K 31/405, C07D 209/18, A61P 5/00, 37/02
- (21) International Application Number:

PCT/EP2004/010983

(22) International Filing Date:

28 September 2004 (28.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PCT/EP03/11171

3 October 2003 (03.10.2003) EP

- (71) Applicant (for all designated States except US): VEI-JLEN N.V. [NL/NL]; Kaya W.F.G. Mensing 18, P.O. Box 624, Curação (AN).
- (72) Inventor; and

- (75) Inventor/Applicant (for US only): GILLESSEN, Hubert, Jean, Marie, François [NL/BE]; Meesjesstraat 9, B-3620 Lanaken (BE).
- (74) Agent: VAN SOMEREN, Petronella, Francisca, Hen-NL-2517 GK The Hague (NL).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guiddrika, Maria; Arnold & Siedsma, Sweelinckplein 1, ance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANIMAL FEED COMPOSITION

(57) Abstract: The present invention relates to an animal feed composition that comprises free indole acetic acid (free IAA) or a derivative thereof. The invention also relates to a method for enhancing animal growth by feeding the animal with a composition according to the invention. The invention also relates to the use of free IAA or a derivative thereof in a method of therapy of animals in need of a growth-promoting treatment, such as immunocompromised animals, animals with a growth deficit or slow growing animals. The invention also relates to the use of free IAA or a derivative thereof for the preparation of a therapeutical composition for increasing the growth rate and/or the feed conversion rate and/or the immunity of animals in need of such a treatment, in particular immunocompromised or slow growing animals. A composition according to the invention may preferably be in the form of a food or feed supplement.

